Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1   1 (Currently Amended). A fault monitoring method, comprising the steps
2   of:
3   providing a plurality of portable radio communication terminals in
4   a commodity management system, each of which manages commodities by
5   communicating with an inventory controller via a radio communication
6   base station;
7   automatically executing a test of a radio communication section in
8   <u>an</u> arbitrary portable radio communication ~~terminals~~ <u>terminal</u> when a
9   number of retrying times of radio communication between ~~said~~ <u>the</u>
10   arbitrary portable radio communication ~~terminals~~ <u>terminal</u> and said radio
11   communication base station exceeds a predetermined number of times; and
12   displaying a fault of said radio communication section on a display
13   section of ~~said~~ <u>the</u> arbitrary portable radio communication ~~terminals~~
14   <u>terminal</u> when said fault occurs and
15   wherein a call time interval of retrying said radio communication
16   between ~~said~~ <u>the</u> arbitrary portable radio communication ~~terminals~~
17   <u>terminal</u> and said radio communication base station is set longer than an
18   average communication time of said radio communication between each of
19   said portable radio communication terminals and said radio
20   communication base station in said commodity management system.

1   2 (Currently Amended). A fault monitoring method of a plurality of
2   portable radio communication terminals used in a commodity management
3   system, each of which manages commodities by communicating with an
4   inventory controller via a radio communication base station, said fault
5   monitoring method comprising:

6   a step of automatically executing a test of a radio communication

7   section in an arbitrary portable radio communication ~~terminals~~ terminal

8   when a number of retrying times of radio communication between ~~said~~ the

9   arbitrary portable radio communication ~~terminals~~ terminal and said radio

10   communication base station exceeds a predetermined number of times; and

11   a step of displaying a fault of said radio communication section on

12   a display section of ~~said~~ the arbitrary portable radio communication

13   ~~terminals~~ terminal when said fault occurs,

14   wherein a call time interval of retrying said radio communication

15   between ~~said~~ the arbitrary portable radio communication ~~terminals~~

16   terminal and said radio communication base station is set longer than an

17   average communication time of said radio communication between each of

18   said portable radio communication terminals and said radio

19   communication base station in said commodity management system.

1   3 (Currently Amended). A fault monitoring method of a plurality of

2   portable radio communication terminals used in a commodity management

3   system, each of which manages commodities by communicating with an

4   inventory controller via a radio communication base station, said fault

5   monitoring method:

6   a step of automatically executing a test of a radio communication

7   section in an arbitrary portable radio communication ~~terminals~~ terminal

8   when a number of retrying times of radio communication between ~~said~~ the

9   arbitrary portable radio communication terminals and said radio

10   communication base station exceeds a predetermined number of times; and

11   a step of displaying a fault of said radio communication section on

12   a display section of ~~said~~ the arbitrary portable radio communication

13   ~~terminals~~ terminal when said fault occurs,

14   wherein said test for said radio communication section is executed

15   after checking that said radio communication between each of said

16   portable radio communication terminals other than ~~said~~ the arbitrary

17   portable radio communication ~~terminals~~ terminal and said radio

18   communication base station is vacant continuously in a case out of an

19   execution prohibiting time zone in said commodity management system.

1   4 (Currently Amended). The fault monitoring method of a plurality of

2   portable radio communication terminals used in a commodity management

3   system according to Claim 3, wherein said test for said radio

4   communication section is executed after passing a predetermined time by

5   returning to a check of a vacant state in said case out of said execution

6   prohibiting time zone in said commodity management system when said

7   radio communication between each of said portable radio communication

8   terminals other than ~~said~~ the arbitrary portable radio communication

9   ~~terminals~~ terminal and said radio communication base station and is waited

10   for until said vacant state.

1   5 (Previously Presented). The fault monitoring method of a plurality of

2   portable radio communication terminals used in the commodity

3   management system according to Claim 3, wherein said test for said radio

4   communication section is executed after passing a predetermined time by

5   returning to a check of said execution prohibiting time zone of said test in

6   a case in said execution prohibiting time zone in said commodity

7   management system and is waited for until out of said execution

8   prohibiting time zone.

1   6 (Previously Presented). The fault monitoring method of a plurality of

2   portable radio communication terminals used in a commodity management

3   system according to Claim 4, wherein said test for said radio

4   communication section is executed after passing a predetermined time by

5   returning to a check of said execution prohibiting time zone of said test in

6   a case in said execution prohibiting time zone in said commodity

7   management system and is waited for until out of said execution

8   prohibiting time zone.

1   7 (Currently Amended). A storage medium storing a fault monitoring

2   program to cause a computer to carry out a fault monitoring method of a

3   plurality of portable radio communication terminals in a commodity

4   management system, each of which manages commodities by

5   communicating with an inventory controller via a radio communication

6   base station, said fault monitoring method comprising:

7   a step of automatically executing a test of a radio communication

8   section in an arbitrary portable radio communication terminals when a

9   number of retrying times of radio communication between ~~said~~ the

10   arbitrary portable radio communication ~~terminals~~ terminal and said radio

11   communication base station exceeds a predetermined number of times; and

12   a step of displaying a fault of said radio communication section on

13   a display section of ~~said~~ the arbitrary portable radio communication

14   ~~terminals~~ terminal when said fault occurs, and

15   wherein a call time interval of retrying said radio communication

16   between ~~said~~ the arbitrary portable radio communication ~~terminals~~

17   terminal and said radio communication base station is set longer than an

18   average communication time of said radio communication between each of

19   said portable radio communication terminals and said radio

20   communication base station in said commodity management system.

1   8 (Currently Amended) A fault monitoring program to cause a computer

2   to carry out a fault monitoring method of a plurality of portable radio

3   communication terminals in a commodity management system, each of

4   which manages commodities by communicating with an inventory

5   controller via a radio communication base station, said fault monitoring

6   method comprising:

7   a step of automatically executing a test of a radio communication

8   section in ~~an~~ an arbitrary portable radio communication ~~terminals~~ terminal

9   when a number of retrying times of radio communication between ~~said~~ the

10   arbitrary portable radio communication ~~terminals~~ terminal and said radio

11   communication base station exceeds a predetermined number of times; and

12   a step of displaying a fault of said radio communication section on

13   a display section of ~~said~~ the arbitrary portable radio communication

14   ~~terminals~~ terminal when said fault occurs, and

15   wherein a call time interval of retrying said radio communication

16   between ~~said~~ the arbitrary portable radio communication ~~terminals~~

17   terminal and said radio communication base station is set longer than an

18   average communication time of said radio communication between each of

19   said portable radio communication terminals and said radio

20   communication base station in said commodity management system.